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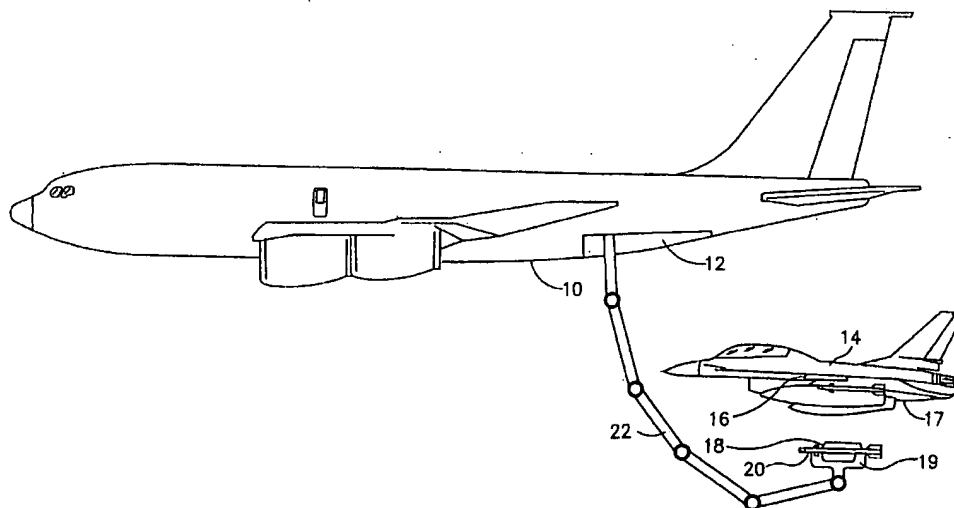
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(54) Title: APPARATUS AND METHOD FOR AIR-TO-AIR ARMING OF AERIAL VEHICLES



(57) Abstract: A transfer of ordnance units (20) from a first aerial vehicle (10) to a second aerial vehicle (14) performed while both vehicles are airborne. The first aircraft (10) is used as an ordnance storage, ordnance delivery and ordnance supplier platform. The second aircraft (14) has the functionality and capability of delivering the received ordnance (20) to designated targets. The first aircraft (10) includes an ordnance storage apparatus, an ordnance transfer assembly (22), a computer-based highly accurate ordnance transfer control apparatus, and an ordnance transfer apparatus operating crew. The ordnance transfer assembly (22) establishes temporarily a transfer link between the aircraft and utilizes an ordnance conveyor mechanism for the delivery of the ordnance units (20). The second aircraft (14) includes a multi-use multi-purpose pylon (16) that receives the transferred ordnance (20) in the proper manner. The aircrafts can be uninhabited.

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